

TABLE 14-1D
PACKAGED TERMINAL AIR CONDITIONERS, PACKAGED TERMINAL HEAT PUMPS,
ROOM AIR CONDITIONERS, AND ROOM AIR CONDITIONER HEAT PUMPS,
ELECTRICALLY OPERATED, MINIMUM EFFICIENCY REQUIREMENTS

Equipment Type	Size Category (Input)	Sub-Category or Rating Condition	Minimum Efficiency ^b	Test Procedure ^a
PTAC (Cooling Mode) New Construction	All Capacities	95°F db Outdoor Air	12.5 - (0.213 x Cap/1000) ^b EER	ARI 310/380
		82°F db Outdoor Air	14.7 - (0.213 x Cap/1000) ^b EER	
PTAC (Cooling Mode) Replacements ^c	All Capacities	95°F db Outdoor Air	10.9 - (0.213 x Cap/1000) ^b EER	
		82°F db Outdoor Air	13.1 - (0.213 x Cap/1000) ^b EER	
PTHP (Cooling Mode) New Construction	All Capacities	95°F db Outdoor Air	12.3 - (0.213 x Cap/1000) ^b EER	
		82°F db Outdoor Air	14.5 - (0.213 x Cap/1000) ^b EER	
PTHP (Cooling Mode) Replacements ^c	All Capacities	95°F db Outdoor Air	10.8 - (0.213 x Cap/1000) ^b EER	
		82°F db Outdoor Air	13.0 - (0.213 x Cap/1000) ^b EER	
PTHP (Heating Mode) New Construction	All Capacities		3.2 - (0.026 x Cap/1000) ^b COP	
PTHP (Heating Mode) Replacements ^c	All Capacities		2.9 - (0.026 x Cap/1000) ^b COP	
SPVAC (Cooling Mode)	All Capacities	95°F db/75°F wb Outdoor Air	8.6 EER	ARI-390
SPVHP (Cooling Mode)	All Capacities	95°F db/75°F wb Outdoor Air	8.6 EER	
SPVAC (Heating Mode)	All Capacities	47°F db/43° wb Outdoor Air	2.7 COP	
Room Air Conditioners, with Louvered Sides	< 6,000 Btu/h		9.7 EER	ANSI/AHAM RAC-1
	≥6,000 Btu/h and < 8,000 Btu/h		9.7 EER	
	≥ 8,000 Btu/h and < 14,000 Btu/h		9.8 EER	
	≥14,000 Btu/h and < 20,000 Btu/h		9.7 EER	
	≥20,000 Btu/h		8.5 EER	
Room Air Conditioners, without Louvered Sides	< 8,000 Btu/h		9.0 EER	
	≥8,000 Btu/h and < 20,000 Btu/h		8.5 EER	
	≥20,000 Btu/h		8.5 EER	
Room Air Conditioner Heat Pumps with Louvered Sides	< 20,000 Btu/h		9.0 EER	
	≥ 20,000 Btu/h		8.5 EER	
Room Air Conditioner Heat Pumps without Louvered Sides	< 14,000 Btu/h		8.5 EER	
	≥ 14,000 Btu/h		8.0 EER	
Room Air Conditioner, Casement Only Room Air Conditioner, Casement –Slider	All Capacities		8.7 EER	
	All Capacities		9.5 EER	

^a Reserved.
^b Cap means the rated cooling capacity of the product in Btu/h. If the unit's capacity is less than 7000 Btu/h, use 7000 Btu/h in the calculation. If the unit's capacity is greater than 15,000 Btu/h, use 15,000 Btu/h in the calculation.
^c Replacement units must be factory labeled as follows: "MANUFACTURED FOR REPLACEMENT APPLICATIONS ONLY; NOT TO BE INSTALLED IN NEW CONSTRUCTION PROJECTS." Replacement efficiencies apply only to units with existing sleeves less than 16-in. high and less than 42-in. wide.
^d Casement room air conditioners are not separate product classes under current minimum efficiency column.
^e New room air conditioner standards, covered by NAECA became effective October 1, 2000.